Committee 14
IHC

INTELLIGENCE INFORMATION HANDLING COMMITTEE
of the
UNITED STATES INTELLIGENCE BOARD

Office of the Chairman

IHC-MM-7/74

3 May 1974

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SUBJECT: Summary of Comments by Mr. Colby (DCI)
           and[   ] at IHC Meeting,
           24 April 1974

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          Attached is a summary of the comments of Mr. Colby and
           [   ]ased on notes taken by attendees at the IHC
          meeting on 24 April 1974.

          I thought you would be interested to receive these
comments in advance of the official minutes of that meeting.
These remarks are not classified, and I see no reason why
you should not make whatever further distribution you desire.

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                              Acting Chairman

Att

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<u>Summary of Comments by Mr. Colby (DCI)</u>
<u>and [   ] (SA/DCI) at IHC Meeting</u>
<u>24 April 1974</u>

1. Mr. Colby made the opening comments, lending his
support to the reactivation of the IHC. He said that infor-
mation handling technology will no doubt continue to develop
at least as rapidly during the 1970's as during the 1960's.
Thus, the future impact of information processing capabilities
on how the intelligence community does its business and the
degree of success it achieves will be very great. He went
on to say that, although in the past decade the Collection
function has tended to dominate the intelligence process,
in the next decade the Processing and Production functions
may well dominate. Mr. Colby noted that an information
explosion has already taken place, but now we are on the
verge of a technology explosion which will lead to new methods
of analysis and forecasting and to new ways of rapid coor-
dination and more effective presentation of information.
He said intelligence should lead in putting advancing infor-
mation technology at the service of users. He cautioned
that the human aspects of the changes which take place must
be considered and provided for. He informed the Committee
that he has asked [   ] to concentrate on new ways
to package and present information in order to increase
its effectiveness with the users. He urged the Committee
to see that systems are designed for the people who will
use them and that people be trained to use them.

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2. [   ] SA/DCI outlined his area of
concern and his progress to date, noting that he is just
getting started in his new assignment for the DCI. He is
investigating new ways of presenting intelligence information
within the community and, therefore, he is interested in the
nature of user needs; the form, format and style of informa-
tion; hardware and software aids in handling information;
and new methodologies of intelligence production. He told
the Committee he has made an initial survey of DoD, State,
the White House Situation Room, CIA, etc. during the past
month covering:

> --Community information handling systems
>   which supply facts to the analysts.
>   ("Mr. Colby wants alternatives to
>   ink on paper.");

> --New methodologies for analysts; and

> --New ways to present information.

He said he has prepared a list of some 15 problems (e.g., Indications and Warning, Crisis Situations, Military Economic Intelligence, etc.) and another list of some 25 methodologies of analysis (e.g., Delphi, Regression Analysis, Linear Programming, Matrix Analysis, etc.). He intends, he said, to try to demonstrate the usefulness of new methods for intelligence analysis and presentation. He indicated that he needs as input to his efforts the update of the IHC Inventory of Systems, identified in the IHC meeting agenda. He said this Inventory will serve, also, to define candidate systems for eventual networking. He expects to discover latent capabilities and demonstrate their usefulness for use by analysts and decision makers. A paper he is writing for the DCI will contain his findings to date, and copies will be provided IHC members if the DCI approves this approach.

Prepared by: IHC Support Staff
               3 May 1974